

Cotton Feeding Roller Structure

Abstract of the Disclosure

Lower spiked rollers in the bottom of a cotton accumulator are inclined in the downstream direction towards an opening and rotate in the same direction to pull cotton down to the opening. An upper spiked roller located above the opening and above the last of the lower spiked rollers is only partially exposed to the cotton in the accumulator. The upper roller meters the cotton and tears apart clumps. An opening above the upper roller defines an upper discharge opening over the main discharge opening. When in a non-rotating condition, the spiked rollers act as a floor for the accumulator and prevent egress of the cotton through the openings.